



Atty. Docket No.: 25436/2155 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hogrefe, et al.
Serial No.: 10/079,241
Filed: February 20, 2002
Entitled: HIGH FIDELITY DNA
POLYMERASE
COMPOSITIONS AND USES
THEREFOR

Examiner: R.G. Hutson
Group Art Unit: 1652
Conf. No.: 7186

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

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RESPONSE AND AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. 1.116

Sir:

This Response and Amendment After Final Rejection is being filed in response to the Final Office Action mailed from the U.S. Patent and Trademark Office on April 13, 2004, in the above-identified application.

Amendments to the Specification begins on page 3 of this paper.

Amendments to the Claims are shown in the "Listing of the Claims" which begins on page 10 of this paper.

Remarks begin on page 24 of this paper.

Conclusion begins on page 36 of this paper.

A revised sequence listing (both paper and computer readable copies) are submitted herewith to reflect the incorporation of JDF-3 DNA polymerase sequences into the specification.

Applicants respectfully request entry of the amendments, remarks and the sequence listing.